

Title (en)
BUOYANCY GENERATOR FOR VEHICLE OCCUPANT

Title (de)
AUFTRIEBSGENERATOR FÜR EIN FAHRGAST EINES FAHRZEUGS

Title (fr)
GÉNÉRATEUR DE FLOTTABILITÉ POUR L'OCCUPANT D'UN VÉHICULE

Publication
EP 3865391 B1 20231108 (EN)

Application
EP 20194295 A 20200903

Priority
KR 20200016103 A 20200211

Abstract (en)
[origin: EP3865391A1] A buoyancy generator for assisting an occupant escape a vehicle in an inundation accident including a housing (100) detachably mounted on a vehicle, a buoyancy generating unit (200) mounted in the housing and including a tube (210) configured to be inflated and deployed to an outside of the housing and a gas supply (220) connected to the tube and configured to supply inflation gas to the tube during operation, and a handle unit (300) provided in the housing and having a handle to be operated to deploy the tube so that the tube floats to a water surface due to buoyancy of the tube to allow an occupant gripping the handle to float to the water surface together with the tube.

IPC 8 full level
B63C 9/15 (2006.01)

CPC (source: CN EP KR US)
B60Q 3/59 (2017.02 - KR); **B60Q 3/88** (2017.02 - KR); **B60R 21/00** (2013.01 - CN); **B60R 21/01** (2013.01 - CN KR); **B60R 21/2165** (2013.01 - KR); **B60R 21/2176** (2013.01 - KR); **B60R 21/264** (2013.01 - KR); **B60S 9/02** (2013.01 - CN); **B63C 9/155** (2013.01 - EP); **B63C 9/18** (2013.01 - US); **B63C 9/20** (2013.01 - US); **B60R 2021/0016** (2013.01 - CN EP KR US); **B60R 2021/003** (2013.01 - KR); **B63C 2009/0029** (2013.01 - US); **B63C 2009/131** (2013.01 - EP)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 20194295 A 20200903; CN 202011053875 A 20200930; ES 20194295 T 20200903; JP 2020146609 A 20200901; KR 20200016103 A 20200211; US 202017010042 A 20200902